

Flood Control Project Maintenance
2018 Structure Summary Report
Overall Unit and Item Ratings

Reclamation District No. 2063 Crows Landing

Lateral No. 6 Pumping Plant

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	M
	Communications	A
	Safety	M
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	M
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	N
	Intake and Discharge Pipes	A

Flood Control Project Maintenance**Unit Cover Sheet****2018 Pumping Plant Inspection Results****Reclamation District No. 2063 Crows Landing**

Pumping Plant
Lateral No. 6 Pumping Plant

Pumping Plant Rating	A
Date of Inspection	7/31/2018
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operating Log			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_1				
Action/Comments					
Inspector Comments: Operation log was present at the pumping plant, but needs to be replaced as it has not been protected from animal activity and is now unusable. Log should be kept in a clean and protected location within the pump house.					

Photo 1 of 2 : ST_2018_RD2063_53_1_20180813_00014.jpg



View of log book inside plant. (2018)

LM Start	0.00	Rating **	A	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2018_RD2063_53_1_20180803_00001.jpg



View of the log book inside the plant.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_2				
Action/Comments					
Inspector Comments: O&M manual was not present but it was stored at the office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_4				
Action/Comments					
Inspector Comments: The plant building appeared to be in a good structural condition. The interior of the pump house needs to be protected from nuisance animals. Bird feces and nesting materials are strewn about and should be cleaned from the pumphouse.					

Photo 1 of 4 : ST_2018_RD2063_53_4_20180813_00015.jpg



View of the pumping plant. (2018)

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2018_RD2063_53_4_20180813_00016.jpg



Interior of pump house should be cleaned of debris. (2018)

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST_2018_RD2063_53_4_20180813_00018.jpg



Interior of pump house should be cleaned of debris. (2018)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start	End	
Item	Plant Building			37.397931 °	37.397931 °	
				-120.972176 °	-120.972176 °	
DWR ID	DWR_RD2063_53_t_2012_4					
Action/Comments						
Inspector Comments: The plant building appeared to be in a good structural condition. The interior of the pump house needs to be protected from nuisance animals. Bird feces and nesting materials are strewn about and should be cleaned from the pumphouse.						

Photo 4 of 4 : ST_2018_RD2063_53_4_20180813_00019.jpg



Interior of pump house should be cleaned of debris. (2018)

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Communications			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_22				
Action/Comments					
Inspector Comments: Plant operator has cellular phone for communication.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_6				
Action/Comments					
Inspector Comments: Right handrail leading up to pump house was unstable and may not prevent a fall if weight is applied to it.					

Photo 1 of 1 : ST_2018_RD2063_53_6_20180803_00003.jpg



View of the handrails.

*** Location**

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WS : Water Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Pump Stations			GPS Latitude/Longitude		
				Start		End
Item	Cranes			37.397931 °		37.397931 °
				-120.972176 °		-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_5					
Action/Comments						
Inspector Comments: A crane doesn't exist at this location.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_7				
Action/Comments					
Inspector Comments: Pumps appeared to function, but should be protected from bird feces and nesting materials.					

Photo 1 of 2 : ST_2018_RD2063_53_7_20180813_00021.jpg



View of one of the pumps inside the plant. (2018)

Photo 2 of 2 : ST_2018_RD2063_53_7_20180813_00020.jpg



View of the second pump inside the plant. (2018)

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_9				
Action/Comments					
Inspector Comments: The power source appeared to be safe and adequate.					

Photo 1 of 1 : ST_2018_RD2063_53_9_20180813_00022.jpg



View of the power source for the pumping plant. (2018)

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_8				
Action/Comments					
Inspector Comments: The pumps and gears appeared to be in good working order.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_10				
Action/Comments					
Inspector Comments: Pump control systems were operational, but feces and nesting material should be removed to prevent a fire hazard.					

Photo 1 of 1 : ST_2018_RD2063_53_10_20180813_00023.jpg



View of power meter and pump control system. (2018)

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_12				
Action/Comments					
Inspector Comments: The sump well was free of debris.					

Photo 1 of 1 : ST_2018_RD2063_53_12_20180813_00025.jpg



View of sump well. (2018)

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_13				
Action/Comments					
Inspector Comments: The trash racks appears to be in good working condition.					

Photo 1 of 1 : ST_2018_RD2063_53_13_20180803_00010.jpg



View of the trash rack. (2017)

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_14				
Action/Comments					
Inspector Comments: Trash rakes were not present at this plant.					

No Photos

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sluice / Slide Gates			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_11				
Action/Comments					
Inspector Comments: The slide gate appeared to be in working condition.					

Photo 1 of 1 : ST_2018_RD2063_53_11_20180813_00024.jpg



View of slide gate. (2018)

LM Start	0.00	Rating **	N	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_15				
Action/Comments					
Inspector Comments: There were no electric gate operators at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_17				
Action/Comments					
Inspector Comments: The manual gate operator appeared to be in working condition.					

Photo 1 of 1 : ST_2018_RD2063_53_17_20180803_00012.jpg



View of the manual gates. (2017)

*** Location**

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WS : Water Side
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A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_3				
Action/Comments					
Inspector Comments: Other metallic parts appeared to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_16				
Action/Comments					
Inspector Comments: Flap gates appeared to be in a good working condition.					

Photo 1 of 1 : ST_2018_RD2063_53_16_20180803_00011.jpg



View of the flap gates. (2017)

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_18				
Action/Comments					
Inspector Comments: There are no closure structures on this structure apart from the slide gate.					

No Photos

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2018

Reclamation District No. 2063 Crows Landing

Structure	Structure Length	Inspection Start/End	Inspector
Lateral No. 6 Pumping Plant		07/31/2018 07/31/2018	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2012_19				
Action/Comments					
Inspector Comments: Security fencing was not available at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			37.397931 °	37.397931 °
				-120.972176 °	-120.972176 °
DWR ID	DWR_RD2063_53_t_2013_20				
Action/Comments					
Inspector Comments: The intake and discharge pipes appeared to be in good condition.					

Photo 1 of 2 : ST_2018_RD2063_53_20_20180813_00026.jpg



View of intake pipes. (2018)

Photo 2 of 2 : ST_2018_RD2063_53_20_20180803_00013.jpg



View of the intake pipes. (2017)

LM Start	0.00	Rating **	A	Issue No.	20 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

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WS : Water Side
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